# **ALAN SCHULTZ**

Anthropologist & epidemiologist with 15+ years research experience & 7+ years doing applied research projects.



alan.schultz@gmail.com



+1 352-339-8127



in linkedin.com/in/alan-f-schultz

#### **RESEARCH PORTFOLIO**

alanfschultz.com

### **PUBLICATIONS**

scholar.google.com/citations?user =Ki2fC48AAAAJ&hl

#### **EDUCATION & TRAINING**

**GOOGLE UX DESIGN** PROFESSIONAL CERTIFICATE (in-progress)

DOCTOR OF PHILOSOPHY. ANTHROPOLOGY, U Florida, Gainesville, 2014

NAT SCI FOUNDATION. BIOMARKER INSTITUTE. Northwestern U, 2011

NAT SCI FOUNDATION ETHNOGRAPHIC FIELD SCHOOL, 2010

POSTGRAD FELLOWSHIP, APPLIED EPIDEMIOLOGY U California, Berkeley, 2006-08

MASTER OF PUBLIC HEALTH, **EPIDEMIOLOGY, U lowa, 2006** 

CERTIFIED ADVOCATE FOR **VICTIMS OF DOMESTIC ABUSE** 

BACHELOR OF ARTS. **ANTHROPOLOGY, U Iowa, 2003** 

#### **AFFILIATIONS**

American Public Health Assn EPIC (Ethnography in Industry) **Human Biology Assn** National Assn of Practicing Anthropologists Soc for Applied Anthropology Soc for Epidemiologic Research Soc for Medical Anthropology Soc for Social Network Analysis

### **EXPERIENCE**

SENIOR USER EXPERIENCE RESEARCHER | FUTURE BARS, SAN FRANCISCO | JUL 2021-NOV 2021

 Supported management to 1) develop and iterate solutions, 2) ensure alignment of enterprise and client goals across retail and hospitality, and 3) increase retention of customers.

MEDICAL ANTHROPOLOGIST & ASSISTANT PROFESSOR | BAYLOR UNIVERSITY | AUG 2014-JUN 2021

Research lead on cross-cultural health equity studies

- Led 6-person field team in Amazonia to show that groups with more highly visible status behaviors suffer more chronic disease
- With 4-person mixed methods team in Belize found evidence that farmers who experienced the effects of climate change were more likely to alter their beliefs no matter than existing worldviews
- With 5-person team ran experiments showing music preferences are shaped as much by early exposures as human universals
- Strong experience promoting research within & outside organization

### **HEALTH ETHNOGRAPHER & QUALITATIVE UX RESEARCHER |** UNIVERSITY OF FLORIDA (UF) MAY 2011-MAY 2014

Funded by NSF for mixed methods research on culture and heart-health

- Led 5-person team to show how culture contributes as much to group with best heart-health in the world, as physical activity & diet
- Used survey results (N=209) to help 10 local stakeholder groups refute negative stereotypes that their culture is 'backwards'

UX RESEARCHER | NAT SCI FOUNDATION, METHODS MALL OCT 2009-AUG 2014

Funded by NSF to redevelop & launch research methods training portal

- Led user research on program instructors and participants using indepth interviews, heuristic evaluation, and quantitative analyses
- Recruited 33% more programs, increased applications by >50%, reduced review time by ~25%, and improved uptake from waitlist

UX RESEARCHER & FELLOW | UF & HEALTH EQUITY ALLIANCE OF TALLAHASSEE AUG 2008-MAY 2011

Member of participatory research team studying healthy food access

- Studied shopper & employee experiences with access using indepth interviews (N=45), cognitive models, personas, surveys & GIS
- Supported establishment of community organization to intervene
- Quantitative tools used: STATA & R; Qualitative tools: MAXQDA

UX RESEARCHER & APPLIED EPIDEMIOLOGY FELLOW | U CALIFORNIA, BERKELEY, OFFICE OF AIDS | JUN 2006-JUN 2008

Applied research to improve treatment experience of HIV+ participants

- Conducted mixed methods UX research on people with HIV/AIDS in long-term treatment with CDC's Medical Monitoring Program
- The changes recommended led to 15% improved adherence
- Studied and reduced risk of vulnerable youth in Northern California through interventions tailored to their circumstances

#### **SKILLS & TOOLS**

CROSS-CULTURAL ANALYSES
MIXED METHODS RESEARCH
SCIENCE & TECH STUDIES
PARTICIPATORY RESEARCH
RACIAL INEQUITY RESEARCH
GENDER DISPARITY RESEARCH
HUMAN RIGHTS RESEARCH
CULTURAL MODELING
COGNITIVE ANTHROPOLOGY
ADVANCED STATISTICS
STATA, R, QUALTRICS, KOBO
MAXQDA, NVIVO
SPANISH LANGUAGE (FLUENT)
TSIMANE' LANGUAGE (GOOD)

#### OTHER EXPERIENCE

Journal peer reviewer
American Anthropologist
American Jrnl of Hum Bio
Current Anthropology
Field Methods
Human Organization
Medical Anthropology Quarterly
Social Science & Medicine

Analog Waco – Community participatory storytelling

# **CERTIFIED ADVOCATE FOR VICTIMS OF DOMESTIC ABUSE** | DOMESTIC VIOLENCE INTERVENTION PROGRAM OF IOWA CITY

SEP 2004 - JUN 2006

Worked as a certified advocate at the DVIP shelter

- Completed client intakes, answered the crisis hotline, ran trainings on risk reduction techniques, and aided clients with resource access
- Served as an in-person personal advocate for clients dealing with legal actions
- Used my work at DVIP to inform my masters research on the social epidemiology of Intimate Partner Violence

# **GRADUATE RESEARCHER** | DEPT OF EPIDEMIOLOGY, U IOWA JUN 2005 – JUN 2006

Masters research on the social epidemiology of intimate partner violence

- Developed a method for approximating the location of IPV victims in research to help improve the accuracy of analyses while still maintaining the anonymity and security if participants
- Published these methods along with fellow researchers

# **GRADUATE RESEARCHER** | CENTER FOR HUMAN RIGHTS, U IOWA SEP 2004 – JUN 2006

Collaborated on campaigns against sweatshop labor and child labor

- Helped to research and coordinate student campaigns with local and regional leaders to change university vender policies regarding certification of sweatshop-free products
- Worked on early efforts to divest endowment funds from businesses with poor records on environmental, social and governance issues
- Met with various representative from large corporations such as Coca-Cola on these issues

### Research Grants and Support

<ol> <li>Co-PI, Baylor University, Grand Challenges in Global Health Grant, Human Adaptation and Response to Past and Current Environmental Changes in Belize (\$25,000)</li> </ol>	2017–2018
2. Fall Research Leave (competitive funding), Baylor U.	2017
<ol> <li>PI, Baylor University, Young Investigators Grant. Formative Research for a Biocultural Study of Market Influence on Meaning in Social Stratification. Mojeño indigenous group, Bolivia (\$24,938)</li> </ol>	2016–2018
4. Summer Research Sabbaticals (competitive funding), Baylor U.	2016, 2019, 2021
<ol> <li>Co-PI, NSF (DDIG). Culture, Change and Chronic Stress in Lowland Bolivia, Maniqui River Region, Beni Department, Bolivia (\$19,684).</li> </ol>	2012–2013
6. Co-PI, NSF. The Social Network Analysis of a Tsimane' Village, Beni, Bolivia (\$5,000).	2010
7. Collaborator, NSF – Social and Cultural Context of Racial Inequalities in Health for NSF #0724032, (PI: Clarence Gravlee).	2008–2009

# Recent Publications

- 1	ACCUTE E ablications								
	Reference	Journal H5* and H5 median** rank & scores 2014–18 Google Scholar	Journal Impact Factor 2018† and percenti le (all)	SJR score ranked relative to 374 Anthro Journals	Accep- tance rate		Altmetric Attention compared to all outputs of similar age	Implications of article for cultural and biological anthropology	Publication Roles
1	Schultz, Alan F. 2019. Status determinants, social incongruity and economic transition: Gender, relative material wealth and heterogeneity in the cultural lifestyle of forager-horticulturalists. PLOS ONE 14(9): e0220432. https://doi.org/10.1371/journal.pone.02 20432 Word count: 12,134	PLoS ONE 23rd/Science H5: 176 H5 median: 225	2.78 66 <sup>th</sup> %	19 <sup>th</sup> if on anthro list	48.9% (2018)	6	96 <sup>th</sup> %	Novel analysis of differences in material, embodied and relational wealth by level of market integration and status determinants in a small-scale society.	Conceptualization, Data curation, Formal analysis, Funding acquisition, Investigation, Methodology, Project administration, Resources, Software, Supervision, Validation, Visualization, Writing – original draft, Writing – review & editing
2	Bethancourt, Hilary, William R. Leonard, Susan Tanner, Alan F. Schultz, Asher Y. Rosinger 2019. Longitudinal Changes in Measures of Body Fat and Diet Among Adult Tsimane' Forager- Horticulturalists of Bolivia, 2002-2010. Obesity, 27: 1347-1359. doi:10.1002/oby.22556 Word count: 4,500	Obesity 4th/Obesity H5: 63 H5 median: 84	3.97 76 <sup>th</sup> %	9th if on anthro list	22% (2014)	7	96 <sup>th</sup> %	Novel findings of increasing obesity linked to oil consumption in Tsimane' women, the world's most hearthealthy group.	Conceptualization, Formal analysis, Methodology, Supervision, Writing – original draft, Writing – review & editing
3	McDermott, Josh H., Alan F. Schultz, Eduardo A. Undurraga, and Ricardo A. Godoy. 2016. Indifference to dissonance in native Amazonians reveals cultural variation in music perception. Nature 535(7613):547– 550. Word count: 2,445	Nature Ist/All Journals H5: 368 H5 median: 546	43.I 99 <sup>th</sup> %	Ist if on anthro list	5.6% (2015- 17)	200	99 <sup>th</sup> %	Novel comparative finding that culture is determinant for western musical preferences but not naturalistic sounds.	Data curation, Formal analysis, Investigation, Methodology, Project administration, Resources, Software, Writing – original draft, Writing – review & editing
	Leonard, William, Victoria Reyes-García, Susan Tanner, Asher Rosinger, Alan Schultz, Tomás Huanca, Vincent Vadez, Becky Zhang, and Ricardo Godoy. 2015. The Tsimane' Amazonian Panel Study (TAPS): Nine years (2002-2010) of annual data available to the public. Economics and Human Biology 19:51-61. Word count: 7,483	Economics & Human Biology 6th/Anthro- pology H5: 30 H5 median: 42	2.18 58 <sup>th</sup> %	I 3th if on anthro list	28.8% (2013-16)	37	76 <sup>th</sup> %	Presents summary methods, data and findings on nine years of panel study research among the Tsimane' including analyses of impact and contribution.	Data curation, Formal analysis, Investigation, Methodology, Writing — original draft, Writing — review & editing

5	Gravlee, Clarence C., P. Qasimah Boston, M. Miaisha Mitchell, Alan F. Schultz, Connie Betterley. 2014. Food store owners' and managers' perspectives on the food environment: An exploratory mixed-methods study. BMC Public Health 14:1031. Word count: 8,348	BMC Public Health 2nd/Public Health H5: 82 H5 median: 108	2.57 69 <sup>th</sup> %	I 4th if on anthro list	~50% (2016		83 <sup>rd</sup> %	Findings from a qualitative comparison of for environment perceptions in a urban African-American food desert.	administration, Software, Writing
					Tota	al Citations: 3	68		
Pu	blications Pending Revisions								
	Reference	Journal H5* and H5 median** rank & scores 2014–18 Google Scholar	Journal Impact Factor 2018† & percenti le (all)	SJR score ranked relative to 374 Anthro Journals	Accep- tance rate		ns of article fo logical anthro	or cultural and opology	Publication Roles
6	Rosinger, Asher, Hilary Bethancourt, Sera Young and Alan Schultz. 2021. The embodiment of water insecurity: Injuries and chronic stress in Lowland Bolivia. Word count: 9,000.	Soc Sci & Med 2nd/Soc Sci (gen) H5: 76 H5 median: 102	3.09 88 <sup>th</sup> %	10th if on anthro list	20% (2016)	insecurity ca through wat elevated hai service level help amelion	nonstrate than become er ter-related inj r cortisol. Imples through an rate the nega ater insecurit;	mbodied uries and proving water equity lens may tive health	Conceptualization, Data curation, Formal analysis, Investigation, Methodology, Software, Supervision, Writing – original draft, Writing – review & editing
7	Schultz, Alan F. and Juan Pablo Ticona- Contreras. 202 I. Culture as countersyndemic: Consonance in social life and a syndemic of abdominal obesity, blood pressure and self-rated health. Word count: 9,000	Am Jrnl Hum Bio I 3th/Anthro H5: 24 H5 median: 37	1.94 56 <sup>th</sup> %	10 <sup>th</sup> if on anthro list	20% (2016)	associated v syndemic in	nance in soci vith resilience teractions be obesity and hy	to effects of tween	Conceptualization, Data curation, Formal analysis, Funding acquisition, Investigation, Methodology, Project administration, Resources, Software, Supervision, Validation, Visualization, Writing – original draft, Writing – review & editing
8	Schultz, Alan F., Eduardo Undurraga and Ricardo Godoy. 202 I. Patterns, trends, and ubiquity of digit heaping errors affecting age-related variables in a transitional rural society. Demographic Research.	Demographic Research 25th/Socio-logy H5: 33 H5 median: 42	1.32 43 <sup>rd</sup> %	17th if on anthro list	~45% (2017)	analysis we errors in mu	ultiple age-rela	ic measurement ated variables in d among a pre-	Conceptualization, Data curation, Formal analysis, Investigation, Methodology, Project administration, Resources, Software, Supervision, Validation, Visualization, Writing — original draft, Writing — review & editing
	*The h5-index is the h-index for articles published in the last 5 years. It is the largest number h such that h articles published in 2014-2018 have at least h citations each.  **h5-median for a publication is the median number of citations for the articles that make up its h5-index.			the free article"	al Impact Fact quency with v in the journa s cited in 2018	which the "av I published 21	erage Indicator 016– influence	o Journal and Country Rank (SJR) is a measure of the journal's impact, or prestige based on the average number ed citations of journal articles.	

# Other Professional Experience and Training

1.	Summer Faculty Institute. I was competitively selected to participate in a six-week summer training sponsored by the Academy for Teaching and Learning, Baylor U.	2017
2.	Participant, Baylor OVPR – Write Winning Grant Proposals Training	2014, 2016, 2021
3.	Participant, NSF – Biological Anthropology. Cells to Society (C2S) Summer Biomarker Institute, 2011 (PI Chris Kuzawa, Northwestern U).	2011
4.	Participant, NSF – Cultural Anthropology. Ethnographic Field School (Pl William Leonard, Northwestern U).	2010
C	onference Presentations	
1.	Schultz, Alan F., Juan Pablo Ticona-Contreras. Culture as countersyndemic: cultural consonance moderates a syndemic of central adiposity, blood pressure and self-rated health during early-stage nutrition transition. (podium; 90% contribution). Human Biology Association Annual Meeting, Los Angeles, CA.	April 2020
2.	Alexander, Sara, Alan F. Schultz et al. Worldviews, Value Systems, and Climate Change Policies Deepen Challenges to Farming Communities in Western Belize. (podium). At the Society for Applied Anthropology Annual Meeting, Albuquerque, NW.	April 2020
3.	Schultz, Alan F., Juan Pablo Ticona-Contreras. Markets, migration and the syndemogenesis of abdominal obesity and hypertension in one of the world's most heart-healthy societies, the Tsimane'. (paper, 90% contribution). At the Society for Medical Anthropology Annual Meeting, Havana, Cuba	March 2020
4.	Schultz, Alan F. Migration and the syndemogenesis of abdominal obesity and hypertension in one of the world's most heart-healthy societies, the Tsimane' of Bolivian Amazonia (paper). Texas Association of Biological Anthropologists Annual Meeting, Waco, TX	November 2019
5.	Schultz, Alan F., Jessica Lott. Boon or Burden? Exploring Tsimane' Women's Outsized Expertise in Lifestyle During Rapid Economic Transition (paper). Society for Applied Anthropology Annual Meeting, Portland, OR	March 2019
6.	Schultz, Alan F., Tomas Huanca. Market integration, meaning and deviation in cultural life priorities among indigenous rural Bolivians (paper). At the American Association of Physical Anthropologists Annual Meeting, Washington, D.C.	April 2018
7.	Schultz, Alan F., Eduardo Undurraga and Ricardo Godoy. Patterns and trends in measurement errors of age-related variables in a rural society: Ubiquity and suggestions for how to improve accuracy (paper). American Anthropological Association Annual Meeting, Washington, D.C.	November 2017
8.	Schultz, Alan F. Equity, Inequality and Biocultural Anthropology: Challenging assumptions in health inequalities research (paper). American Anthropological Association Annual Meeting, Minneapolis, MN.	November 2016
9.	Schultz, Alan F., Stan Van Uum and Gideon Koren. Chronic Psychosocial Stress among. Forager-Farmers: Culturally Salient Status, Income and a Retrospective Measure of Cortisol (paper). American Anthropological Association Annual Meeting, Denver, CO.	November 2015
10.	Schultz, Alan F. Rapid Change in Bolivian Amazonia: Chronic Psychosocial Stress among Tsimane' Forager-Farmers (paper). At the Society for Applied Anthropology Annual Meeting, Pittsburgh, PA.	March 2015

<ol> <li>Schultz, Alan F. Mechanisms of Inequality: Cultural Dete Tsimane' Forager-Horticulturalists (paper). American A Annual Meeting, Washington, DC.</li> </ol>	
<ol> <li>Schultz, Alan F. Cultural Consensus, Consonance and F Bolivian Amazonia (paper). Society for Applied Anthro Albuquerque, NM.</li> </ol>	
<ol> <li>Schultz, Alan F. and Gravlee, Clarence C. Status Clash: Social Status Perceptions and Cultural Consonance on Puerto Rico (poster). American Anthropological Assoc Francisco, CA.</li> </ol>	Health in Southeastern
<ol> <li>McDermott, Josh H., Alan F. Schultz, Undurraga, Eduan Consonance Preferences are Not Universal (poster). A Otolaryngology (ARO) Midwinter Meeting, San Diego,</li> </ol>	ssociation for Research in
15. Schultz, Alan F., McCarty, Christopher, and Gravlee, Cl. Life among African Americans in Tallahassee, FL: Aspira Resources (paper). Part of "Social Change in Rural Cor Applied Anthropology Annual Meeting, Seattle, WA.	tions, Obstacles and
16. Schultz, Alan F. Social Evaluative Threat, Stress and Soc Tsimane' of Lowland Bolivia (paper). Tropical Conserva Forum: Exploring Social and Environmental Dimensions America: The View from Anthropology, Gainesville, FL	tion and Development
17. Schultz, Alan F., Bond, Megan; Bernstein, Alissa, Goldste Madalena, Tallman, Paula S. A Social Network Analysis Integration (paper). XXXI International Network for So Sunbelt Conference, St. Pete Beach, FL.	of Tsimane' Market
18. Schultz, Alan, Gravlee, C.C. and McCarty, C. A Prelimir Personal and Whole Social Networks among the Tsim Anthropological Association Annual Meeting, New Orl	ne' (poster). American
19. Schultz, Alan. Sociocentric Network Analysis of Market Community (poster). At the University of Florida NSF	
20. Schultz, Alan. Happiness, Trust and Reciprocity in a Hig (paper). Part of "Community Solutions, Global Problem Anthropology Section)." Society for Applied Anthropo Mexico.	ns (Society for Medical
21. Office of AIDS. Point Estimates from a Population-Base Partners, Unprotected Vaginal and Anal Intercourse wir Anonymous Partners, and Prevalence of HIV and Othe Infections among Young Men: The California HEY Man International AIDS Conference.	h Main, Casual, and r Sexually Transmitted
<ol> <li>Schultz, Alan. Identifying Availability and Distance to Es Violence (IPV) Resources Among Women Experiencin Iowa Department of Epidemiology. Iowa City, IA</li> </ol>	
Campus Presentations (Invited)	
Natural(?) Disasters (invited presentation): Hurricanes the monthly meeting of Students Improving Global He College.	
<ol> <li>Chronic Psychosocial Stress (invited presentation). Beta Society. Baylor Sciences Building (BSB).</li> </ol>	Beta Beta Biology Honor April 2017
3. Schistosomiasis (invited presentation). END 7 Student	Group, BSB. April 2017

4. Round Table on Global Health Challenges. Second Annual Medical Humanities Symposium. Mayborn Museum, Baylor U.	March 2017
5. Global Health Perspectives (invited presentation). At the first annual Medical Humanities symposium. Baylor Sciences Building.	October 2016
6. Medical Anthropology at Baylor (invited presentation). Common Grounds in Tropical Disease Biology Symposium. Baylor Sciences Building.	April 2016
7. Unifying Global Health through a Focus on Equity (student group invited talk). At the monthly meeting of Students Improving Global Health Together (SIGHT), Baylor Sciences Building.	October 2015
<ol> <li>Meaning Shapes Global Health: Reframing health inequalities (invited talk). At the monthly meeting of Students Improving Global Health Together (SIGHT), Baylor Sciences Building.</li> </ol>	November 2014
<ol> <li>Biomedical Epistemologies of Exaggerated Agency among Patients (invited talk). At the monthly meeting of Students Improving Global Health Together, Baylor Sciences Building.</li> </ol>	September 2014
Honors and Awards	
1. Mock Lecturer – Named a top professor for mock lectures to prospective students and parents as voted on by admissions office student employees, Baylor U.	2019–2020
2. Impact on New Students. Recognized as top 1.5% of all university faculty/staff named by new students as having had the "most positive influence." Baylor U.	2018–2019
3. Faculty Summer Research Sabbatical, Baylor U.	2016; 2019; 2021
4. Faculty Research Leave, Baylor U.	Fall 2017
5. Two-time Tuition Scholarship Recipient, Dept. of Epidemiology, University of Iowa	2005; 2006
6. Two-time Tuition Scholarship Recipient, The Big Ten Universities' Council on Institutional Cooperation's (CIC) Health, Nutrition and Environmental Studies Program, Santo Domingo and Santiago, Dominican Republic.	Fall & Summer 2003
7. Outstanding Participant, CIC Health, Nutrition and Environmental Studies Program, Dominican Republic.	Fall & Summer 2003
Teaching Activity	
1. ANT 4325 Medical Anthropology (~20 students), Baylor University	8 semesters, 2014–2020
2. ANT 4330 Epidemiology (~25 students), Baylor University	6 semesters, 2015–2021
3. ANT 1325 Introduction to Global Health (~55 students), Baylor University	11 semesters, 2015–2021
4. ANT 2410 Introduction to Cultural Anthropology, U Florida	Spring 2014
5. ANT 2000 General Anthropology, U Florida	Fall 2013
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2313

# Collaborators and Co-authors

6. ANT4462 Culture and Medicine

Sara Alexander (Baylor U), Hilary Bethancourt (Penn State), Clarence Gravlee (U Florida), Ricardo Godoy (Brandeis U), Tomas Huanca (CBIDSI NGO Bolivia), William Leonard (Northwestern U), Christopher McCarty (U Florida), Josh McDermott (MIT), Asher Rosinger (Penn State U), Eduardo Undurraga (PUC de Chile), Victoria Reyes-García (UA Barcelona),

Spring 2010

# Graduate Advisors and Postdoctoral Sponsors

Clarence Gravlee (U Florida), Florence Babb (UNC Chapel Hill), Jeffrey Harman (U Florida), Audrey Saftlas (U

# Iowa), Alyson Young (U Florida)

#### Thesis and Research Advisees

## Undergraduate Honors

Gottlich, Chase, B.A. Honors, University Scholars (2018) - Committee Member

Kwok, Vivian, B.A. Honors, Medical Humanities (2018) - Committee Member

Cruthirds, Sarah, B.A. Honors, University Scholars (2019) - Committee Member

Chan, William, B.S. Honors, University Scholars (2020) - Committee Member

Melissa Cullum, Honors (2021) – Committee Member

## McNair Scholars (for underrepresented students)

Lindbloom, Andrew. McNair Scholar (2020) – Summer Research Practicum Advisor and faculty application advisor

McKnight, Lauren. McNair Scholar (2020) - Faculty application adviser

#### Masters & PhD Advisees

Davidson, James. Assistant Professor, California State University, Northridge. PhD Dissertation Committee.

Department of Sociology, Baylor University (2020) - Outside Committee Member

Gossett, J.J. M.S. in Nutrition Science (2016) – Outside Committee Member

Lysen, Laura. Department of Religion (2017–2021) - Outside Committee Member

Peña Sanchez, Daniel A. M.P.H. Epidemiology (2021) – Practicum Advisor (Columbia Mailman School of Public Health, New York)